10/588449

SEQUENCE LAPZO Rec'd PCT/PTO 03 AUG 2006

<110		Lundo Speno Hoff,	ler,	Tir		ζ										
<120)>	Preparation of Dough-Based Product														
<130)>	10581-204-US														
<160)>	4														
<170)>	PatentIn version 3.3														
<210 <211 <212 <213	L> ?>	1 781 DNA Bacillus halodurans														
<220 <221 <222	-	CDS (58).	(68	37)												
<220> <221> sig_peptide <222> (58)(141)																
<220 <221 <222	L> 1	mat_p (142)														
<400 aato		1 aac a	aaac	gtgta	aa at	aagt	agta	a cga	ataaa	aaat	ttt	gagga	agg a	acgaa	atc	57
		aag Lys														105
Ile	Ser	ttt Phe -10	Cys	Leu	Ser	Ala	Val	Pro	Ala	Ser	Ala	Asn				153
		tgg Trp		_					-		_					201
		aat Asn														249
		ggc Gly		-						_	_					297
		gtc Val														345

		55					60					65				
							gaa Glu									393
							cat His									441
							act Thr									489
							cag Gln									537
							agc Ser 140									585
		_		_		_	aat Asn	_		_	_				_	633
							caa Gln									681
gtt tgg tagaacgaga aagacggaat taactttctg aatatttaaa aacaaatcta 73 Val Trp												737				
ttgt	tgt	gac (gaact	taaq	ga tt	tact	catt	aaq	gaaga	aatg	aago	2				781
<210 <211 <212 <213	1> 2 2> 1	2 210 PRT Bacil	llus	halo	odura	ans										
<400)> :	2														
Met	Phe	Lys	Phe -25	Val	Thr	Lys	Val	Leu -20	Thr	Val	Val	Ile	Ala -15	Ala	Thr	
Ile	Ser	Phe -10	Cys	Leu	Ser	Ala	Val -5	Pro	Ala	Ser	Ala -1	Asn 1	Thr	Tyr	Trp	
Gln 5	Tyr	Trp	Thr	Asp	Gly 10	Gly	Gly	Thr	Val	Asn 15	Ala	Thr	Asn	Gly	Pro 20	
Gly	Gly	Asn	Tyr	Ser	Val	Thr	Trp	Arg	Asp	Thr	Gly	Asn	Phe	Val	Val	

25 30 35

Gly Lys Gly Trp Glu Ile Gly Ser Pro Asn Arg Thr Ile His Tyr Asn 40 45 50

Ala Gly Val Trp Glu Pro Ser Gly Asn Gly Tyr Leu Thr Leu Tyr Gly 55 60 65

Trp Thr Arg Asn Gln Leu Ile Glu Tyr Tyr Val Val Asp Asn Trp Gly
70 75 80

Thr Tyr Arg Pro Thr Gly Thr His Arg Gly Thr Val Val Ser Asp Gly 85 90 95 100

Gly Thr Tyr Asp Ile Tyr Thr Thr Met Arg Tyr Asn Ala Pro Ser Ile 105 110 115

Asp Gly Thr Gln Thr Phe Gln Gln Phe Trp Ser Val Arg Gln Ser Lys 120 125 130

Arg Pro Thr Gly Asn Asn Val Ser Ile Thr Phe Ser Asn His Val Asn 135 140 145

Ala Trp Arg Asn Ala Gly Met Asn Leu Gly Ser Ser Trp Ser Tyr Gln 150 160

Val Leu Ala Thr Glu Gly Tyr Gln Ser Ser Gly Arg Ser Asn Val Thr 165 170 175 180

Val Trp

<210> 3

<211> 47

<212> DNA

<213> Artificial

<220>

<223> Primer 1

<220>

<221> source

<222> (19)..(47)

<223> B. halodurans

<400> cattct	3 gcag ccgcggccaa tacctattgg caatattgga ccgatgg	47
<210><211><211><212><213>	51	
<220> <223>	Primer 2	
<222>	source (21)(51) B. halodurans	
<400> gcgttg	4 gagac gcgcggccgc cattcttctt aatgagtaaa tcttaagttc g	51